

(c) The Contractor shall—

(1) Ensure that the data encoded on each passive RFID tag are unique (i.e., the binary number is never repeated on any and all contracts) and conforms to the requirements in paragraph (d) of this clause;

(2) Use passive tags that are readable; and

(3) Ensure that the passive tag is affixed at the appropriate location on the specific level of packaging, in accordance with MIL-STD-129 (Section 4.9.2) tag placement specifications.

(d) *Data syntax and standards.* The Contractor shall encode an approved RFID tag using the instructions provided in the EPC™ Tag Data Standards in effect at the time of contract award. The EPC™ Tag Data Standards are available at <http://www.epcglobalinc.org/standards/>.

(1) If the Contractor is an EPCglobal™ subscriber and possesses a unique EPC™ company prefix, the Contractor may use any of the identity types and encoding instructions described in the most recent EPC™ Tag Data Standards document to encode tags.

(2) If the Contractor chooses to employ the DoD Identity Type, the Contractor shall use its previously assigned Commercial and Government Entity (CAGE) Code and shall encode the tags in accordance with the tag identity type details located at http://www.acq.osd.mil/log/rfid/tag_data.htm. If the Contractor uses a third party packaging house to encode its tags, the CAGE code of the third party packaging house is acceptable.

(3) Regardless of the selected encoding scheme, the Contractor is responsible for ensuring that each tag contains a globally unique identifier.

(e) *Receiving report.* The Contractor shall electronically submit advance shipment notice(s) with the RFID tag identification (specified in paragraph (d) of this clause) in advance of the shipment in accordance with the procedures at http://www.acq.osd.mil/log/rfid/advance_shipment_ntc.htm.

(End of clause)

252.211-7007 Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry.

As prescribed in 211.274-6(b), use the following clause:

**REPORTING OF GOVERNMENT-FURNISHED EQUIPMENT IN THE DOD ITEM
UNIQUE IDENTIFICATION (IUID) REGISTRY (NOV 2008)**

(a) *Definitions.* As used in this clause—

“2D data matrix symbol” means the 2-dimensional Data Matrix ECC 200 as specified by International Standards Organization/International Electrotechnical Commission (ISO/IEC) Standard 16022: Information Technology – International Symbolism Specification – Data Matrix.

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“Acquisition cost,” for Government-furnished equipment, means the amount identified in the contract, or in the absence of such identification, the item’s fair market value.

“Concatenated unique item identifier” means—

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; e.g., the enterprise identifier along with the contractor’s property internal identification, i.e., tag number is recognized as the serial number; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

“Equipment” means a tangible item that is functionally complete for its intended purpose, durable, nonexpendable, and needed for the performance of a contract. Equipment is not intended for sale, and does not ordinarily lose its identity or become a component part of another article when put into use.

“Government-furnished equipment” means an item of special tooling, special test equipment, or equipment, in the possession of, or directly acquired by, the Government and subsequently furnished to the Contractor (including subcontractors and alternate locations) for the performance of a contract.

“Item” means equipment, special tooling, or special test equipment, to include such equipment, special tooling, or special test equipment that is designated as serially managed, mission essential, sensitive, or controlled inventory (if previously identified as such in accordance with the terms and conditions of the contract).

“Item unique identification (IUID)” means a system of assigning, reporting, and marking DoD property with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items.

“IUID Registry” means the DoD data repository that receives input from both industry and Government sources and provides storage of, and access to, data that identifies and describes tangible Government personal property.

“Material” means property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end item. Material does not include equipment, special tooling, or special test equipment.

“Reparable” means an item, typically in unserviceable condition, furnished to the Contractor for maintenance, repair, modification, or overhaul.

“Sensitive item” means an item potentially dangerous to public safety or security if stolen, lost, or misplaced, or that shall be subject to exceptional physical security, protection, control, and accountability. Examples include weapons, ammunition, explosives, controlled substances, radioactive materials, hazardous materials or wastes,

or precious metals.

“Serially managed item” means an item designated by DoD to be uniquely tracked, controlled, or managed in maintenance, repair, and/or supply systems by means of its serial number.

“Special test equipment” means either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in performing a contract. It consists of items or assemblies of equipment including foundations and similar improvements necessary for installing special test equipment, and standard or general purpose items or components that are interconnected and interdependent so as to become a new functional entity for special testing purposes. Special test equipment does not include material, special tooling, real property, or equipment items used for general testing purposes, or property that with relatively minor expense can be made suitable for general purpose use.

“Special tooling” means jigs, dies, fixtures, molds, patterns, taps, gauges, and all components of these items, including foundations and similar improvements necessary for installing special tooling, and which are of such a specialized nature that without substantial modification or alteration their use is limited to the development or production of particular supplies or parts thereof or to the performance of particular services. Special tooling does not include material, special test equipment, real property, equipment, machine tools, or similar capital items.

“Unique item identifier (UII)” means a set of data elements permanently marked on an item that is globally unique and unambiguous and never changes, in order to provide traceability of the item throughout its total life cycle. The term includes a concatenated UII or a DoD recognized unique identification equivalent.

“Virtual UII” means the UII data elements assigned to an item that is not marked with a DoD compliant 2D data matrix symbol, e.g., enterprise identifier, part number, and serial number; or the enterprise identifier along with the Contractor’s property internal identification, i.e., tag number.

(b) *Requirement for item unique identification of Government-furnished equipment.* Except as provided in paragraph (c) of this clause—

(1) Contractor accountability and management of Government-furnished equipment shall be performed at the item level; and

(2) Unless provided by the Government, the Contractor shall establish a virtual UII or a DoD recognized unique identification for items that are—

(i) Valued at \$5,000 or more in unit acquisition cost; or

(ii) Valued at less than \$5,000 in unit acquisition cost and are serially managed, mission essential, sensitive, or controlled inventory, as identified in accordance with the terms and conditions of the contract.

(c) *Exceptions.* Paragraph (b) of this clause does not apply to—

(1) Government-furnished material;

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- (2) Reparables;
- (3) Contractor-acquired property;
- (4) Property under any statutory leasing authority;
- (5) Property to which the Government has acquired a lien or title solely because of partial, advance, progress, or performance-based payments;
- (6) Intellectual property or software; or
- (7) Real property.

(d) *Procedures for establishing UIIs.* To permit reporting of virtual UIIs to the DoD IUID Registry, the Contractor's property management system shall enable the following data elements in addition to those required by paragraph (f)(1)(iii) of the Government Property clause of this contract (FAR 52.245-1):

- (1) Parent UII.
- (2) Concatenated UII.
- (3) Received/Sent (shipped) date.
- (4) Status code.
- (5) Current part number (if different from the original part number).
- (6) Current part number effective date.
- (7) Category code ("E" for equipment).
- (8) Contract number.
- (9) Commercial and Government Entity (CAGE) code.
- (10) Mark record.
 - (i) Bagged or tagged code (for items too small to individually tag or mark).
 - (ii) Contents (the type of information recorded on the item, e.g., item internal control number).
 - (iii) Effective date (date the mark is applied).
 - (iv) Added or removed code/flag.
 - (v) Marker code (designates which code is used in the marker identifier, e.g., D=CAGE, UN=DUNS, LD=DODAAC).
 - (vi) Marker identifier, e.g., Contractor's CAGE code or DUNS number.

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(vii) Medium code; how the data is recorded, e.g., barcode, contact memory button.

(viii) Value, e.g., actual text or data string that is recorded in its human readable form.

(ix) Set (used to group marks when multiple sets exist); for the purpose of this clause, this defaults to “one (1)”.

(e) *Procedures for updating the DoD IUID Registry.* The Contractor shall update the DoD IUID Registry at <https://www.bpn.gov/iuid> for changes in status, mark, custody, or disposition of items—

(1) Delivered or shipped from the Contractor’s plant, under Government instructions, except when shipment is to a subcontractor or other location of the Contractor;

(2) Consumed or expended, reasonably and properly, or otherwise accounted for, in the performance of the contract as determined by the Government property administrator, including reasonable inventory adjustments;

(3) Disposed of; or

(4) Transferred to a follow-on or other contract.

(End of clause)

252.211-7008 Use of Government-Assigned Serial Numbers

As prescribed in 211.274-6(c), use the following clause:

USE OF GOVERNMENT-ASSIGNED SERIAL NUMBERS (SEP 2010)

(a) *Definitions.* As used in this clause—

“Government-assigned serial number” means a combination of letters or numerals in a fixed human-readable information format (text) conveying information about a major end item, which is provided to a contractor by the requiring activity with accompanying technical data instructions for marking the Government-assigned serial number on major end items to be delivered to the Government.

“Major end item” means a final combination of component parts and/or materials which is ready for its intended use and of such importance to operational readiness that review and control of inventory management functions (procurement, distribution, maintenance, disposal, and asset reporting) is required at all levels of life cycle management. Major end items include aircraft; ships; boats; motorized wheeled, tracked, and towed vehicles for use on highway or rough terrain; weapon and missile end items; ammunition; and sets, assemblies, or end items having a major end item as a component.

“Unique item identifier (UII)” means a set of data elements permanently